

# Computer Information Systems

## What is Computer Information Systems?

A Computer Information Systems major takes courses in programming, database management, web development, and project management. This unique mix of education combines quantitative methods and analytical approaches to solving problems in all area of business utilizing current technology.

With a specialization in Computer Information Systems, you will be equipped to apply information technology solutions to business problems. The operations management side will enable you to apply technologically sophisticated methods to solving business problems related to the delivery of products and services from the manufacturer or provider to the end customer.

## Related Career Titles

Actuary	Information Systems Developer	Network Administrator/Manager
Analyst/Programmer	Information Systems Manager	On-Line Services Manager
Applications Programmer	Information Technology Mgr	Operating Systems Programmer
Auditor	Internet Developer	Operations Manager
Communications Specialist	Internet Marketing Analyst	Operations Researcher
Computer Aided Software Engineering Specialist	Inventory Control Specialist	PC Support Specialist
Computer Security Analyst	Inventory Manager	Plant Manager
Computer Systems Hardware Analyst	Investment Analyst	Product Development Manager
Consultant	LAN Manager	Product Forecaster/Estimator
CQI Production Manager	Logistics Manager	Production Line Manager
Data Communications Analyst	Management Analyst	Production Scheduler/Planner
Data Security Analyst	Manager/Supervisor	Programmer - Engineering & Scientific
Database Manager / Admin.	Market Research Analyst	Purchasing Agent/Manager
Distribution Manager	Materials Controller	Quality Assurance Analyst
End-User Computing Mgr	Materials Manager	Quality Control Specialist
End-User Technician	Medical Systems Designer	Records Management Analyst
Financial Planner	Microcomputer/Workstation Mgr	Relocation Analyst
Information Systems Application Developer	Mortgage Researcher	Risk Analyst
Risk and Insurance Specialist	Software Support Technician	Software Tester

Statistician  
Systems Integrator  
Technical Sales Rep  
Underwriter

Systems Administrator  
Systems Programmer  
Technology Consultant  
Urban Planner

Systems Analyst  
Systems Technical Manager  
Telecommunications Manager  
Web Master

## Related Major Skills

Reading comprehension  
Math & science skills  
Different learning strategies  
Research  
Design systems  
Oral & Written communication skills  
Understanding of computer programs

Active listening skills  
Critical thinking  
Giving advice on business or research  
Ability to prepare technical reports  
Work independently and on a team  
Active learner  
Investigating data to solve problems

## Job & Internship Search Links

Find Information Systems Job postings, Salary information, and Resume Tips from the internet's most popular job search services

<http://resumegenie.com/jobs.asp?job=Information%20Systems>

Tech-Centric <http://www.tech-centric.net>

MonsterTRAK <http://www.monstertrak.com>

America's Job Bank <http://www.ajb.dni.us>

Brass Ring <http://www.brassring.com>

JobWeb <http://www.jobweb.com/employ/fairs/default.asp>

DICE- Job Site for Technology Careers <http://www.dice.com>

## Career Planning Links

Occupational Outlook Handbook - Computer Scientists and Systems Analysts  
<http://stats.bls.gov/oco/ocos042.htm>

Occupational Outlook Handbook - Operations Research Analysts  
<http://stats.bls.gov/oco/ocos044.htm>

CIS-L: Careers in Information Systems Listserv <http://www.ubalt.edu/www/cis-l/home.html>

Career Guide: Decoding the Information Security Profession  
<https://www.isc2.org/download/careerguide05.pdf>

## **Professional Associations Links**

Association for information systems <http://www.aisnet.org/>

Chartered Institute of Purchasing and Supply <http://www.cips.org>

Institute for Operations Research and Management Sciences  
<http://www.informs.org>

Institute of Operations Management <http://www.iomnet.org.uk>

National Association of Purchasing Management <http://www.napm.org>

Association for Computing Machinery <http://www.acm.org>

Institute For Certification of Computing Professionals <http://www.iccp.org>

Computing Research Association <http://cra.org>

## **Miscellaneous Information:**

Exploring Occupations: Getting You Started on Your Career Path!

<http://www.umanitoba.ca/counselling/careers.html>